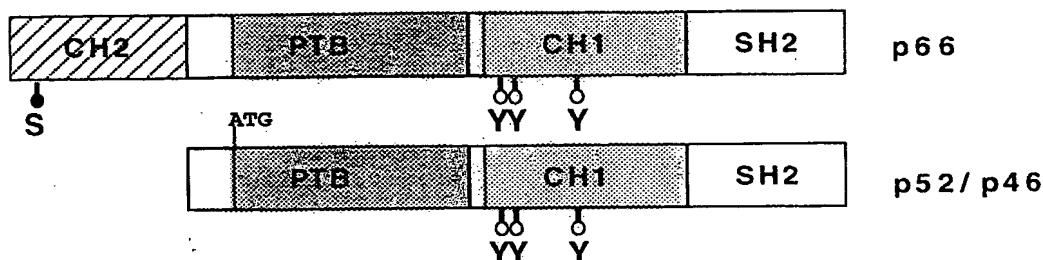
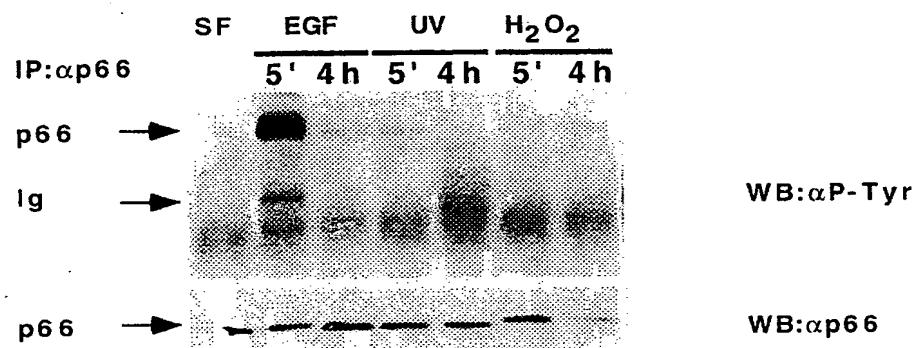
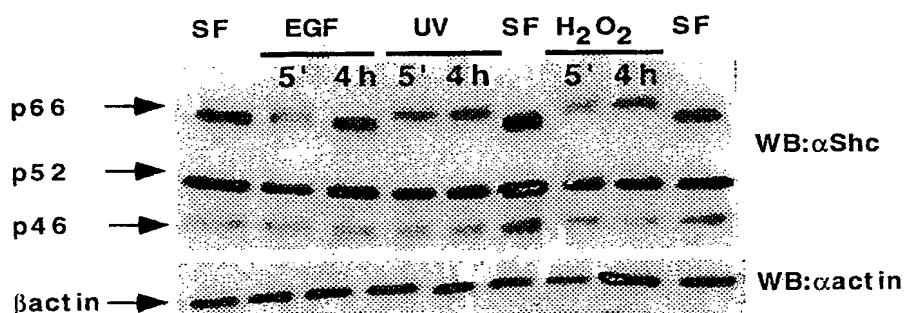
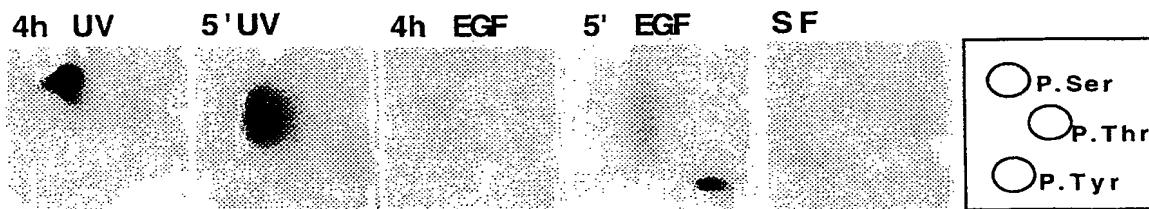
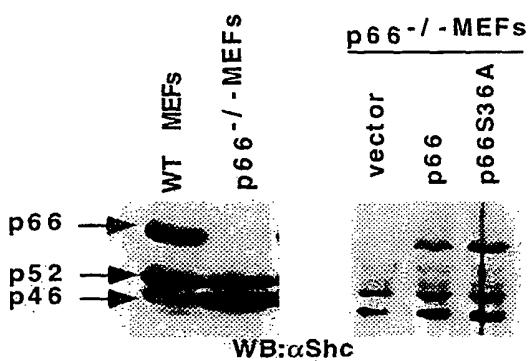
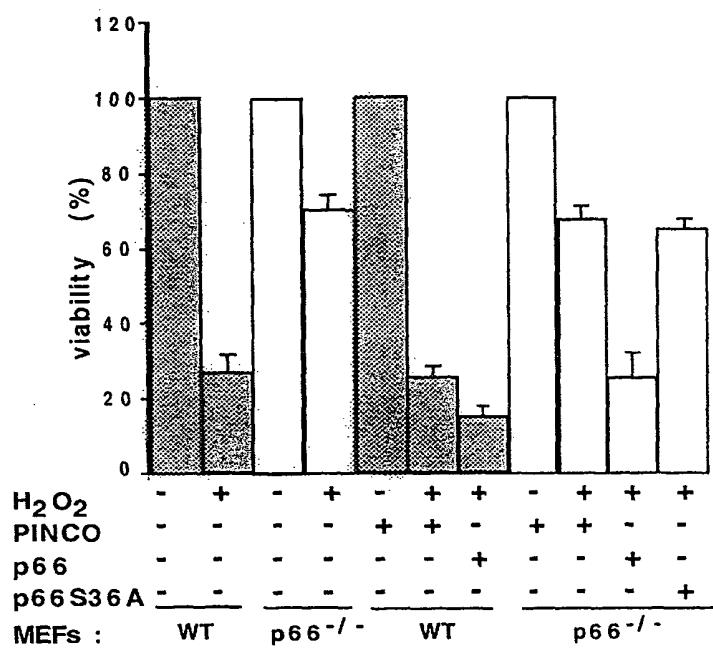
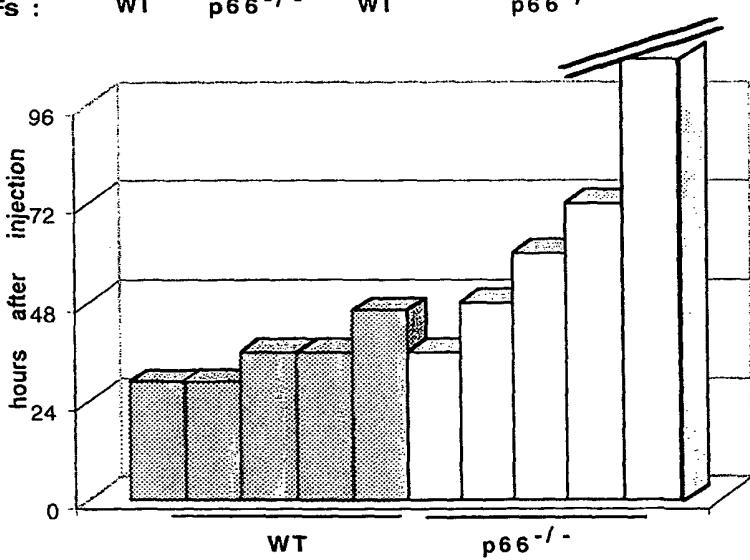


1/14

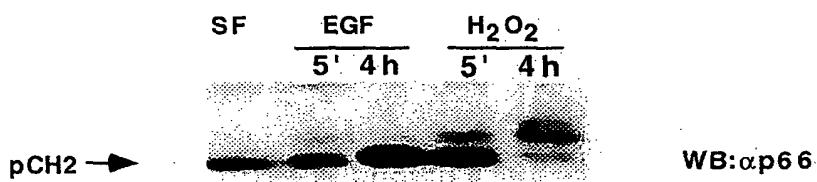
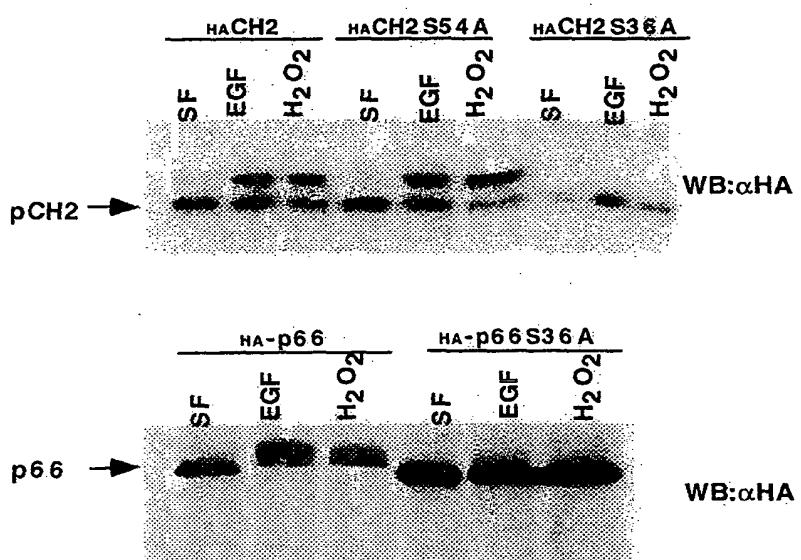
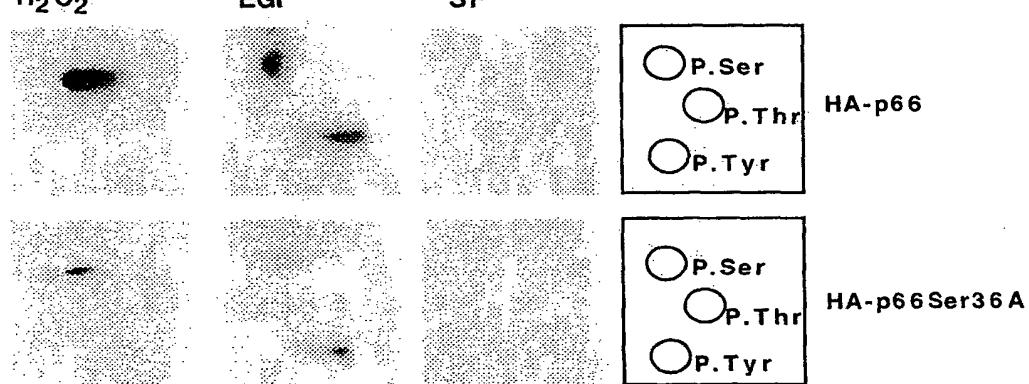
Figure 1**A****B****C****D**

2/14
Figure 2

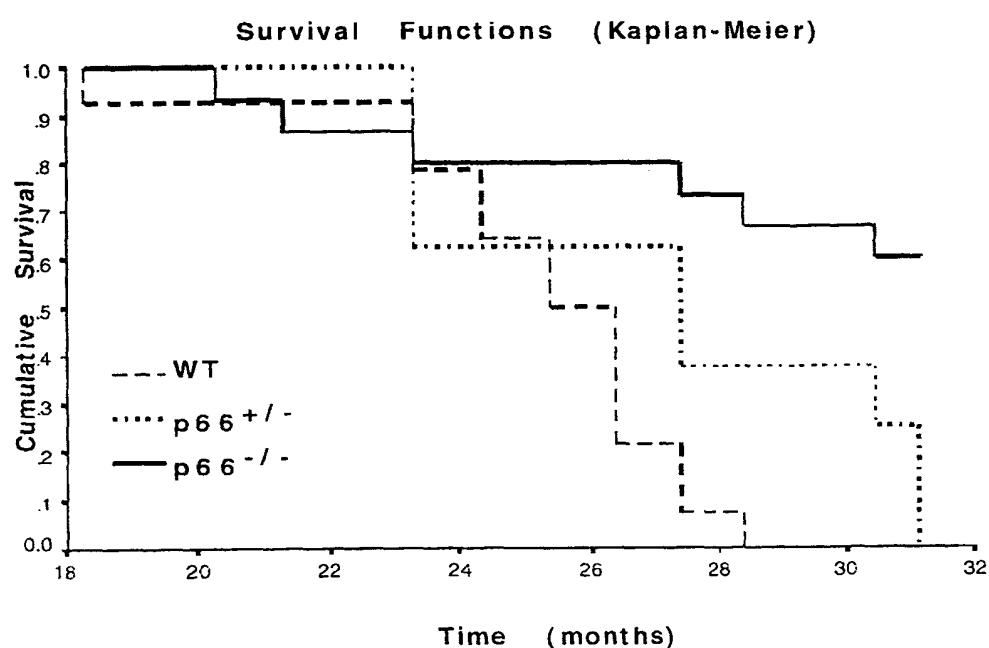
A**B****C**

3/14

Figure 3

A**B****C**

4/14

Figure 4

5/14
Figure 5a

10	20	30	40	50	60
atggggcctg	aaactgtctg	ggtctgagct	ggggagcgga	agccacttgt	ccctctccct
70	80	90	100	110	120
ccccaggact	tctgtgactc	ctgggccaca	gaggtccaac	cagggtaagg	gcctggggat
130	140	150	160	170	180
accccctgcc	tggcccccctt	gccccaaactg	gcaggggggc	caggctggc	agcagccccct
190	200	210	220	230	240
ctttcacctc	aact <u>ATGGAT</u>	CTCCTGCC	CCAAGCCCAA	GTACAATCCA	CTCCGGAATG
250	260	270	280	290	300
AGTCTCTGTC	ATCGCTGGAG	GAAGGGCTT	CTGGGTCCAC	CCCCCGGGAG	GAGCTGCCCTT
310	320	330	340	350	360
CCCCATCAGC	TTCATCCCTG	GGGCCCATCC	TGCCTCCTCT	GCCTGGGAC	GATAGTCCCA
370	380	390	400	410	420
CTACCCCTGTG	CTCCTTCTTC	CCCCGGATGA	GCAACCTGAG	GCTGGCCAAC	CCGGCTGGGG
430	440	450	460	470	480
GGCGCCCAAGG	GTCTAAGGGG	GAGCCAGGAA	GGGCAGCTGA	TGATGGGAG	GGGATCGATG
490	500	510	520	530	540
GGGCAGCCAT	GCCAGAGTCA	GGCCCCCTAC	CCCTCCTCCA	GGACATGAAC	AAGCTGAGTG
550	560	570	580	590	600
GAGGCGGGCGG	GCGCAGGACT	CGGGTGGAAAG	GGGGCCAGCT	TGGGGCGAG	GAGTGGACCC
610	620	630	640	650	660
GCCACGGGAG	CTTTGTCAAT	AAGCCCAOGC	GGGGCTGGCT	GCATCCCAAC	GACAAAGTCA
670	680	690	700	710	720
TGGGACCCGG	GGTTTCCTAC	TTGGTTGGT	ACATGGGTIG	TGTGGAGGTC	CTCCAGTCAA
730	740	750	760	770	780
TGCGTGCCT	GGACTTCAAC	ACCCGGACTC	AGGTCAACCAG	GGAGGCCATC	AGTCTGGTGT
790	800	810	820	830	840
GTGAGGCTGT	GGCGGGTGCT	AAGGGGGCGA	CAAGGAGGAG	AAAGCCCIGT	AGCCGGCCCGC
850	860	870	880	890	900
TCAGCTCTAT	CCTGGGGAGG	AGTAACCTGA	AATTGCTGG	AATGCCAAC	ACTCTCACCG
910	920	930	940	950	960
TCTCCACCAG	CAGCCTAAC	CTCATGGCCG	CAGACTGCAA	ACAGATCATC	GCCAACCACC
970	980	990	1000	1010	1020
ACATGCAATC	TATCTCATTT	GCATCCGGCG	GGGATCCCGA	CACAGCCGAG	TATGTCGCT
1030	1040	1050	1060	1070	1080
ATGTTGCCAA	AGACCCCTGTG	AATCAGAGAG	CCTGCCACAT	TCTGGAGTGT	CCCGAAGGGC
1090	1100	1110	1120	1130	1140
TTGCCCAGGA	TGTCATCAGC	ACCATTGGCC	AGGCCTTCGA	TGTCGCTTC	AAACAATACC
1150	1160	1170	1180	1190	1200
TCAGGAACCC	ACCCAAACTG	GTCACCCCTC	ATGACAGGAT	GGCTGGCTTT	GATGGCTCAG
1210	1220	1230	1240	1250	1260
CATGGGATGA	GGAGGAGGAA	GAGCCACCTG	ACCATCAGTA	CTATAATGAC	TTCCCGGGGA
1270	1280	1290	1300	1310	1320
AGGAACCCCC	CTTGGGGGGG	GTGGTAGACA	TGAGGCTTCG	GGAGGAGCC	GCTCCAGGGG
1330	1340	1350	1360	1370	1380
CTGCTCGACC	CACTGCACCC	AATGCCAGA	CCCCCAGCCA	CTTGGGAGCT	ACATTGCCIG

6/14

Figure 5a c continued

1390	1400	1410	1420	1430	1440
TAGGACAGCC TGTTGGGGA GATCCAGAAG TCCGCAAACA GATGCCACCT CCACCACCT					
1450	1460	1470	1480	1490	1500
GTCCAGGCAG AGAGCTTTT GATGATCCCT CCTATGTCAA CGTCCAGAAC CTAGACAAGG					
1510	1520	1530	1540	1550	1560
CCCGGCAAGC AGTGGGTGGT GCTGGGCCCC CCAATCCTGC TATCAATGGC AGTGCACCCC					
1570	1580	1590	1600	1610	1620
GGGACCTGTT TGACATGAAG CCCTTCGAAG ATGCTCTTCG GGTGCCTCCA CCTCCCCAGT					
1630	1640	1650	1660	1670	1680
CGGTGTCCAT GGCTGAGCAG CTCCGAGGGG AGCCCTGGTT CCATGGGAAG CTGAGCCGGC					
1690	1700	1710	1720	1730	1740
GGGAGGCTGA GGCACTGCTG CAGCTCAATG GGGACTTCTT GGTACGGGAG AGCACGACCA					
1750	1760	1770	1780	1790	1800
CACCTGGCCA GTATGTGCTC ACTGGCTTGC AGAGTGGCA GCCTAACCAT TTGCTACTGG					
1810	1820	1830	1840	1850	1860
TGGACCCCTGA GGGTGTGGT CGGACTAAGG ATCACCGCTT TGAAAGTGTC AGTCACCTTA					
1870	1880	1890	1900	1910	1920
TCAGCTACCA CATGGACAAT CACTTGGCCA TCATCTCTGC GGGCAGCGAA CTGTGTCTAC					
1930	1940	1950	1960	1970	1980
AGCAACCTGT GGAGCGGAAA CTGt gat ctg ccctagcgct ctcttccaga agatgccctc					
1990	2000	2010	2020	2030	2040
caatcccttc caccctattc cctaactctc gggacctcggt ttgggagtgt tctgtggct					
2050	2060	2070	2080	2090	2100
tggccttgc tcagagctgg gagtagcatg gactctgggt ttcatatcca gctgagttag					
2110	2120	2130	2140	2150	2160
agggtttgag tcaaaagcct gggtgagaat cctgcctctc cccaaacatt aatcacaaaa					
2170	2180	2190	2200	2210	2220
gtattaatgt acagagtggc ccctcacctg ggccttccct gtgccaacct gatccccctt					
2230	2240	2250	2260	2270	2280
ccccaaagaag gtgagtgc ttgcattggaaa atgtccttgt gtgacaggcc cagtggaaaca					
2290	2300	2310	2320	2330	2340
gtcaccccttc tgggcaaggg ggaacaaatc acacctctgg gcttcagggt atcccagacc					
2350	2360	2370	2380	2390	2400
cctctcaaca cccggggggg ccatgtttaa actttgtgcc tttgaccatc tcttaggtct					
2410	2420	2430	2440	2450	2460
aatgatattt tatgcaaaca gttttggac ccctgaattc ttcaatgaca gggatgccaa					
2470	2480	2490	2500	2510	2520
caccccttc gcttctggga cctgtgttct tgctgagcac cctctccgggt ttggggttggg					
2530	2540	2550	2560	2570	2580
ataaacagagg caggagtggc agctgtcccc tctccctggg gatatgcaac ctttagagat					
2590	2600	2610	2620	2630	2640
tgccccagag ccccaactccc ggccaggcgg gagatggacc cctcccttgc tcagtgcctc					
2650	2660	2670	2680	2690	2700
ctggccgggg cccctcaccc caaggggtct gtatatacat ttcataaggc ctgcccctcc					
2710	2720	2730	2740	2750	2760

7/14

Figure 5a c ntinued

atgttgcatg cctatgtact ctgcgccaaa gtgcagccct tcctcctgaa gcctctgccc
 2770 2780 2790 2800 2810 2820
 tgcctccctt tctgggaggg cgggggtgggg gtgactgaat ttgggcctct tgtacagtta
 2830 2840 2850 2860 2870 2880
 actctcccaag gtggattttg tggaggtgag aaaaggggca ttgagactat aaagcagtag
 2890 2900 2910 2920 2930 2940
 acaaatccccca cataccatct gttagagttgg aactgcattc ttttaaagg ttatatgcat
 2950 2960 2970 2980 2990 3000
 atattttagg gctgctagac ttactttcctt attttctttt ccattgctta ttcttgagca
 3010 3020 3030 3040 3050 3060
 caaaaatgata atcaattattt acatttatac atcaccttt tgactttcc aagcccttt
 3070 3080 3090 3100 3110 3120
 acagctcttg gcatttcctt cgccctaggcc tggaggtaa ctgggatcgc acctttata
 3130 3140 3150 3160 3170 3180
 ccagagacctt gaggcagatg aaatttattt ccatctagga cttagaaaaac ttgggtctct
 3190 3200 3210 3220 3230 3240
 taccgcgaga ctgagaggca gaagtcagcc cgaatgcctg tcagtttcat ggaggggaaa
 3250 3260 3270 3280 3290 3300
 cgcaaaaacctt gcagttcctt agtaccttctt acaggcccg cccagcctag gccgggggtg
 3310 3320 3330 3340 3350 3360
 gcccacaccac agcaagccgg ccccccctctt tttggccttg tggataaggg agagttgacc
 3370 3380 3390 3400 3410 3420
 gttttcatcc tggcctcctt ttgctgtttt gatgtttcca cgggtctcac ttataccaaa
 3430 3440 3450 3460 3470 3480
 gggaaaaactc tteattaaag tccgtatttc ttctaaaaaa aaaaaaaaaa aaatacattt
 3490 3500 3510 3520 3530 3540
 atacatcacc ttttgactt ttccaagccc ttttacagct cttggcattt tcctcgccata
 3550 3560 3570 3580 3590 3600
 ggcctgtgag gtaactggga tcgcacccctt tataccagag acctgaggca gatgaaattt
 3610 3620 3630 3640 3650 3660
 atttccatctt aggactagaa aaacttggtt ctcttaccgc gagactgaga ggcagaagtc
 3670 3680 3690 3700 3710 3720
 agcc.....

09/957182

WO 00/56886

PCT/GB00/01079

8/14

Figure 5b

10 20 30 40 50 60
MDLLPPKPKY NPLRNESLSS LEEGASGSTP PEELPSPSAS SLGPILPPLP GDDSPPTLCS

70 80 90 100 110 120
FFPRMSNLRL ANPAGGRPGS KGEPGAADD GEGIDGAAMP ESGPLPLLIQD MNKLSGGGR

130 140 150 160 170 180
RTRVEGGQLG GEEWTRHGSF VNKPTRGWLH PNDKVMGPGV SYLVRYMGCV EVLQSMRALD

190 200 210 220 230 240
FNTRTQVTRE AISLVCEAVP GAKGATRRRK PCSRPLSSIL GRSNLKFAGM PITLTGSTSS

250 260 270 280 290 300
LNLMAADCKQ IIANHHMQSI SFASGGDPDT AEYVAYVAKD PVNQRACHIL ECPEGLAQDV

310 320 330 340 350 360
ISTIGQAFEL RFKQYLRNPP KLVTPHDRMA GFDGSAWDEE EEEPPDHQYY NDFPGKEPPL

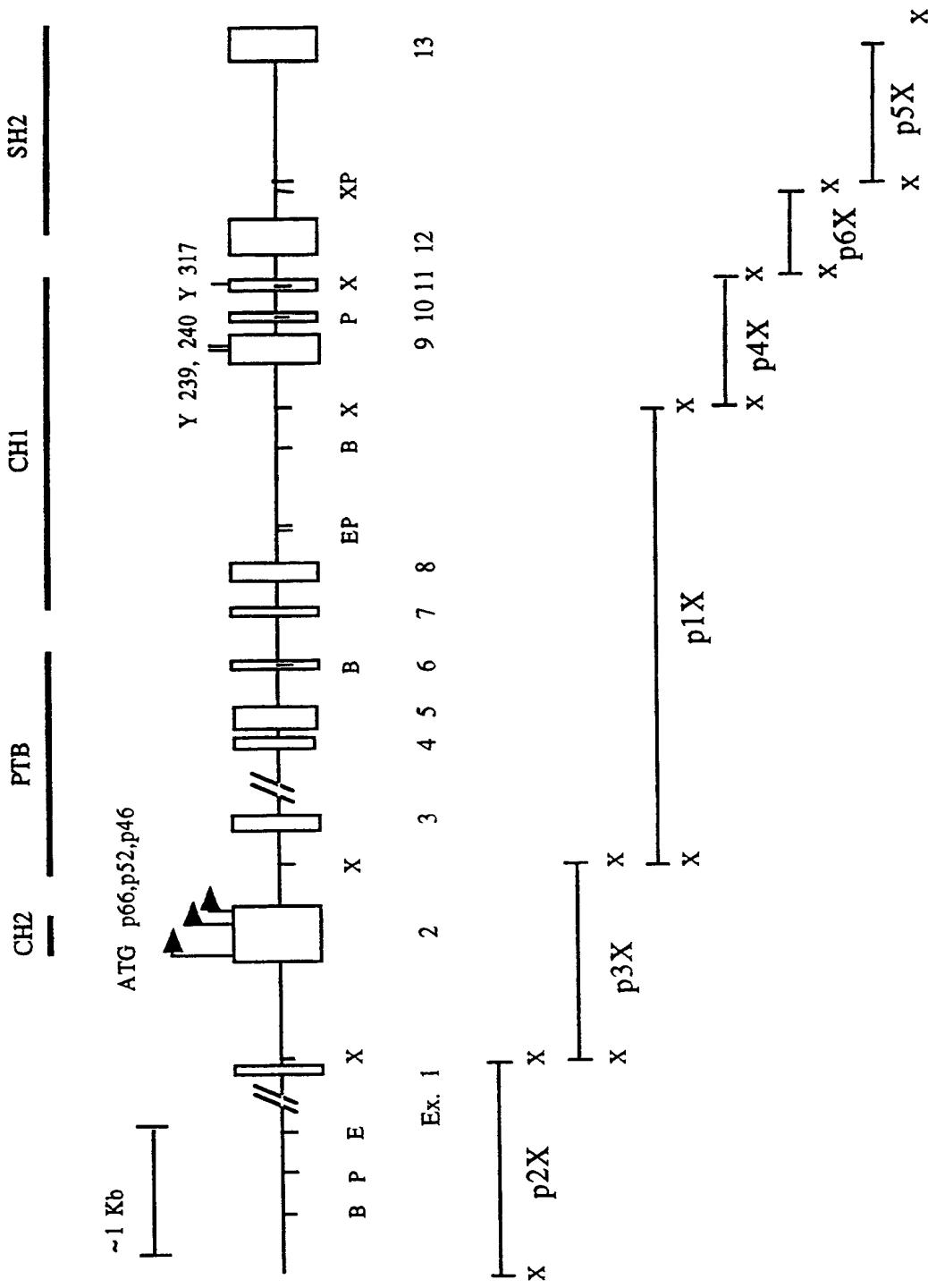
370 380 390 400 410 420
GGVVDMRLRE GAAPGAARPT APNAQTPSHL GATLPVGQPV GGDPEVRKQM PPPPPCPGRE

430 440 450 460 470 480
LFDDPSYVNV QNLDKARQAV GGAGPPNPAI NGSAPRDLFD MKPFEDALRV PPPPQSVSMA

490 500 510 520 530 540
EQLRGEPWFH GKLSRREAEA LLQLNGDFLV RESTITPGQY VLTGLQSGQP KHLLLVDPEG

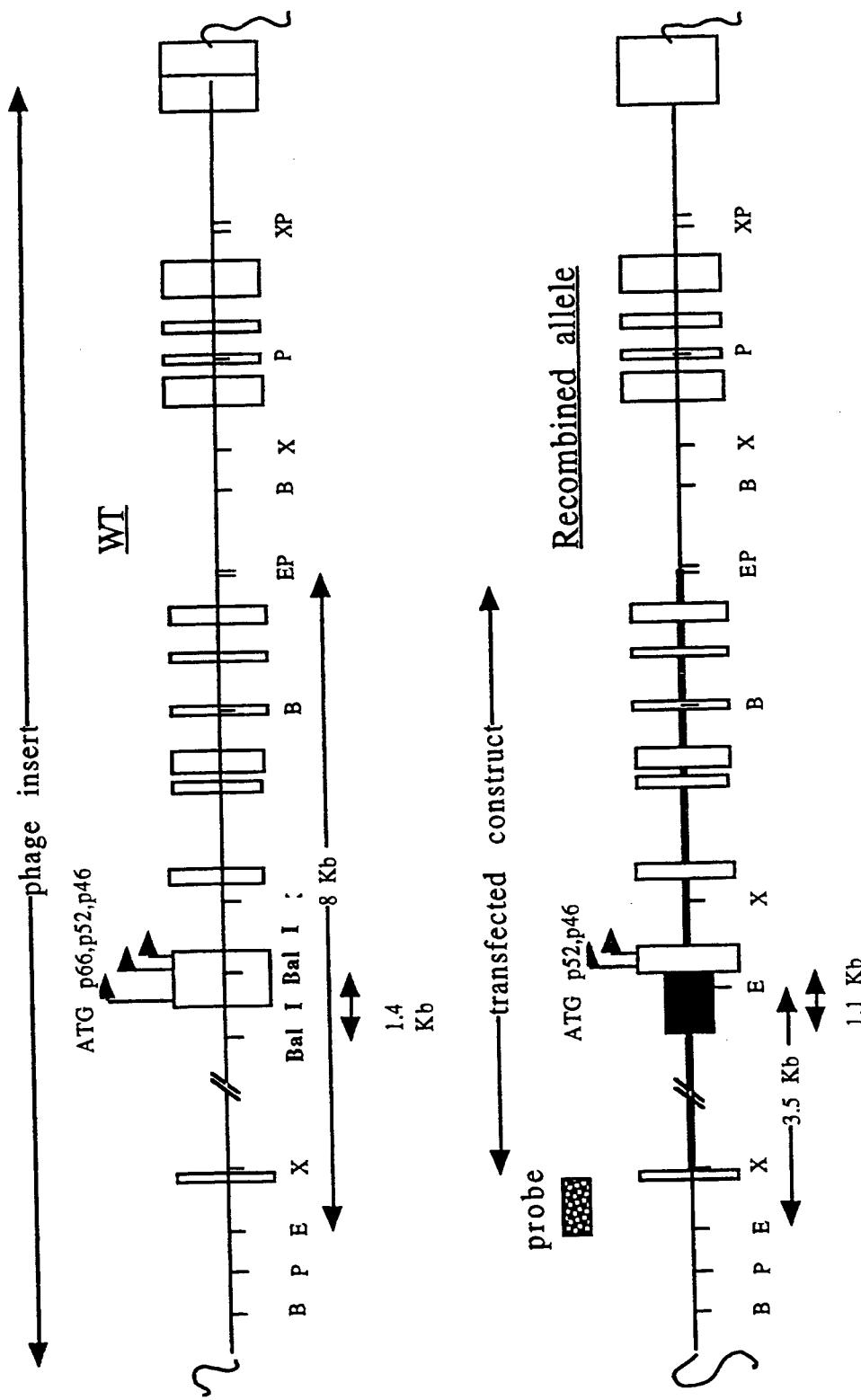
550 560 570 580
VVRTKDHRFE SVSHLISYHM DNHLPIISAG SELCLOQPVE RKL*

9/14

Figure 6

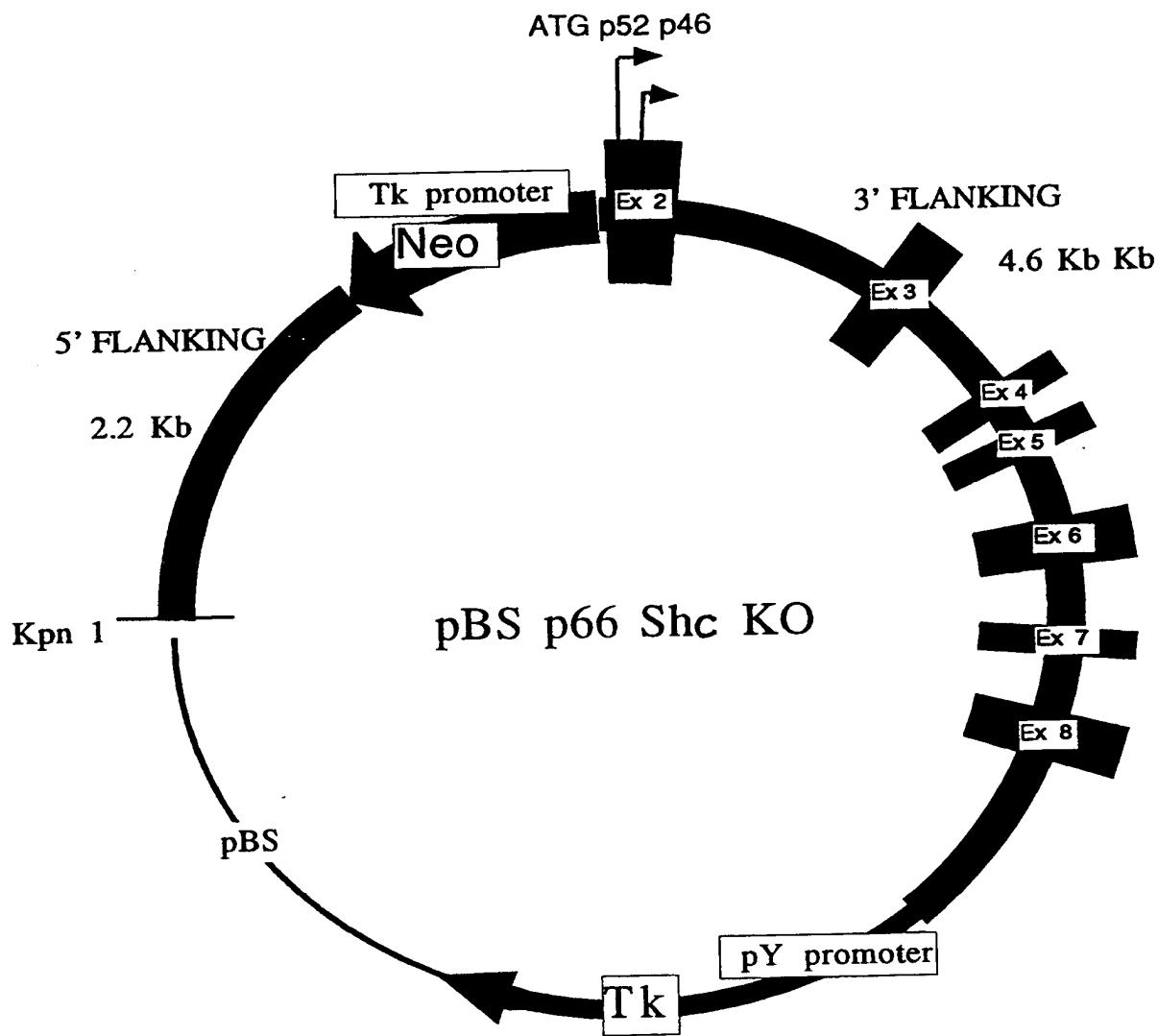
10/14

Figure 7



11/14

Figure 8



12/14

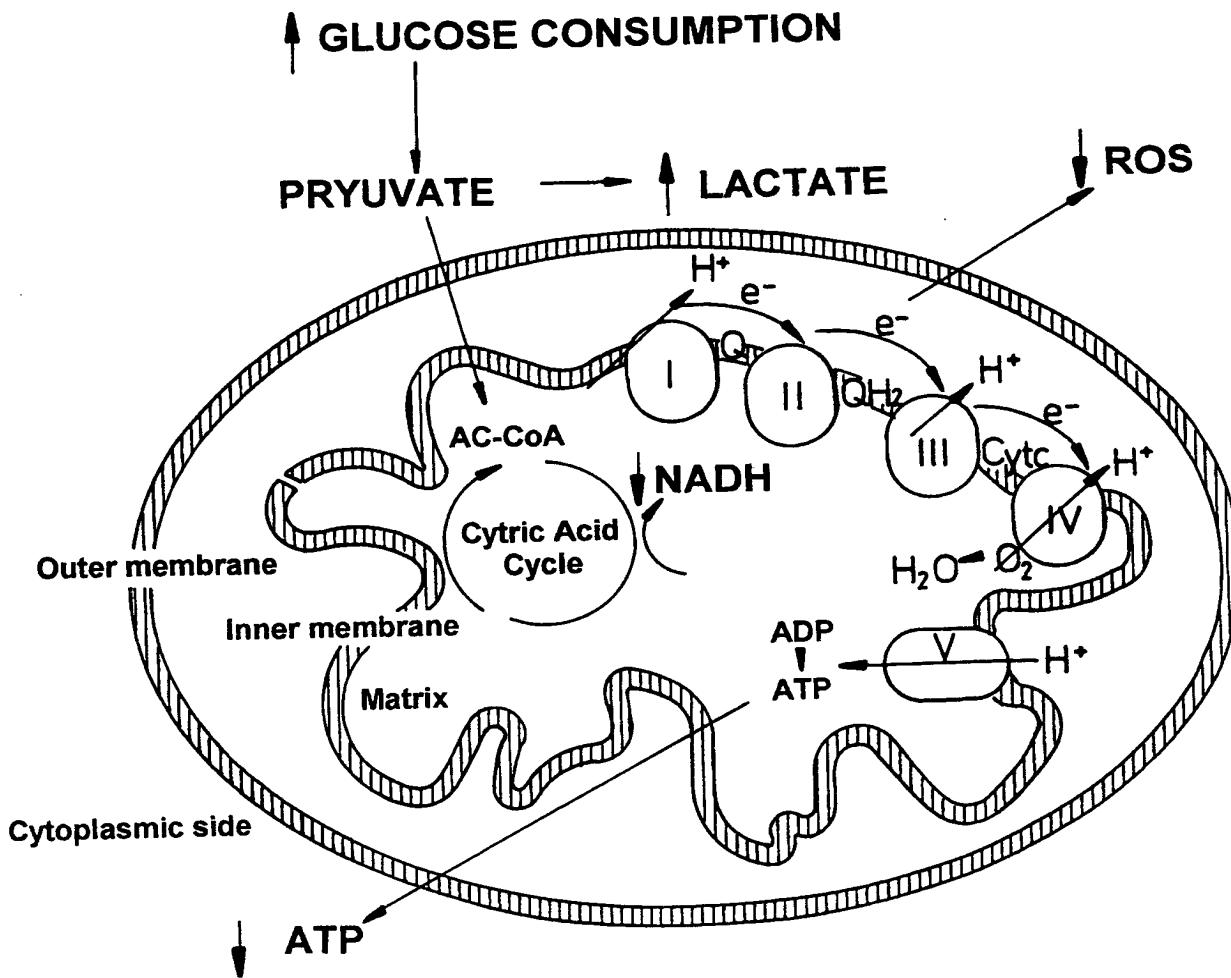
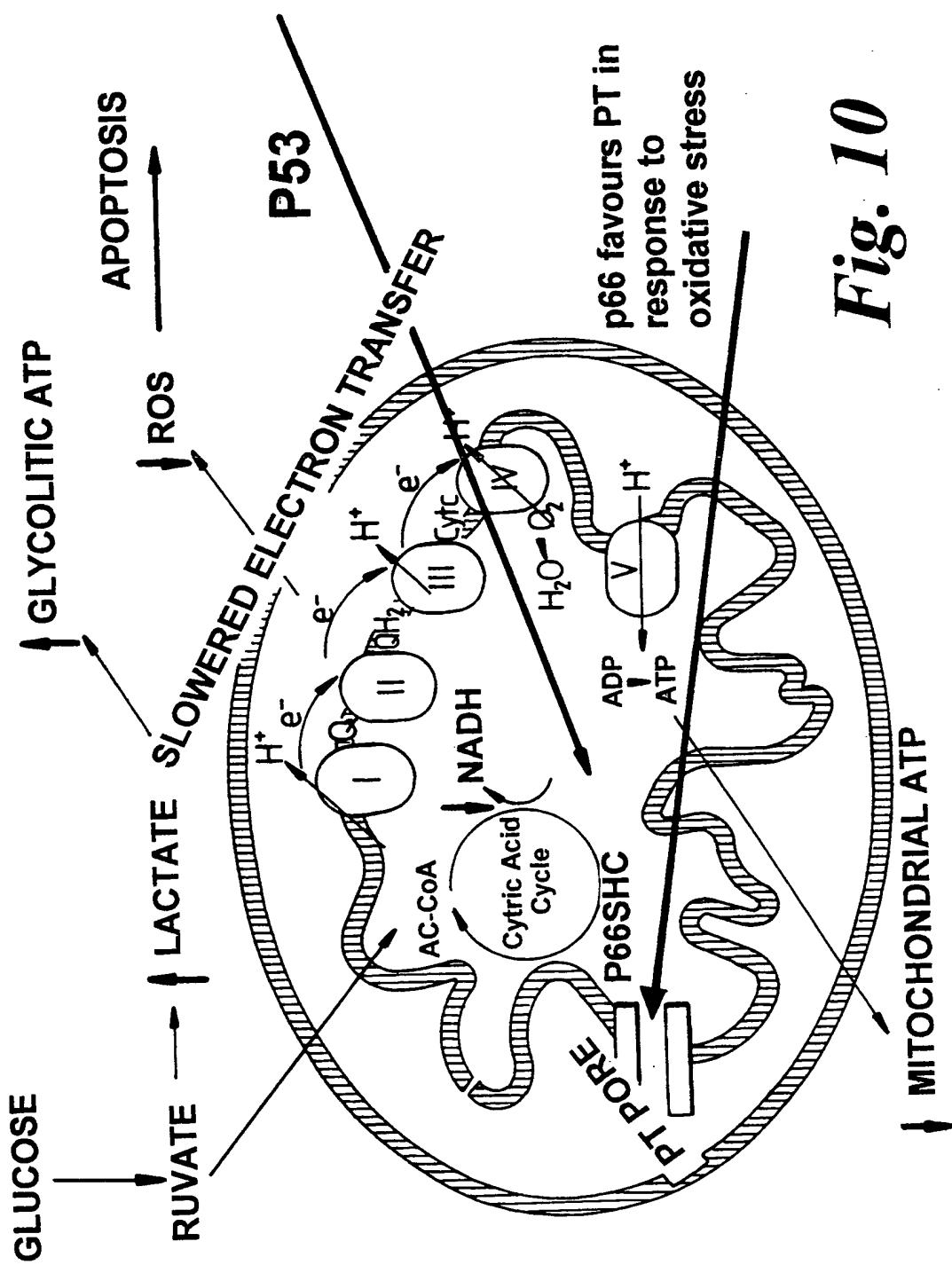


Fig. 9

13/14



14/14

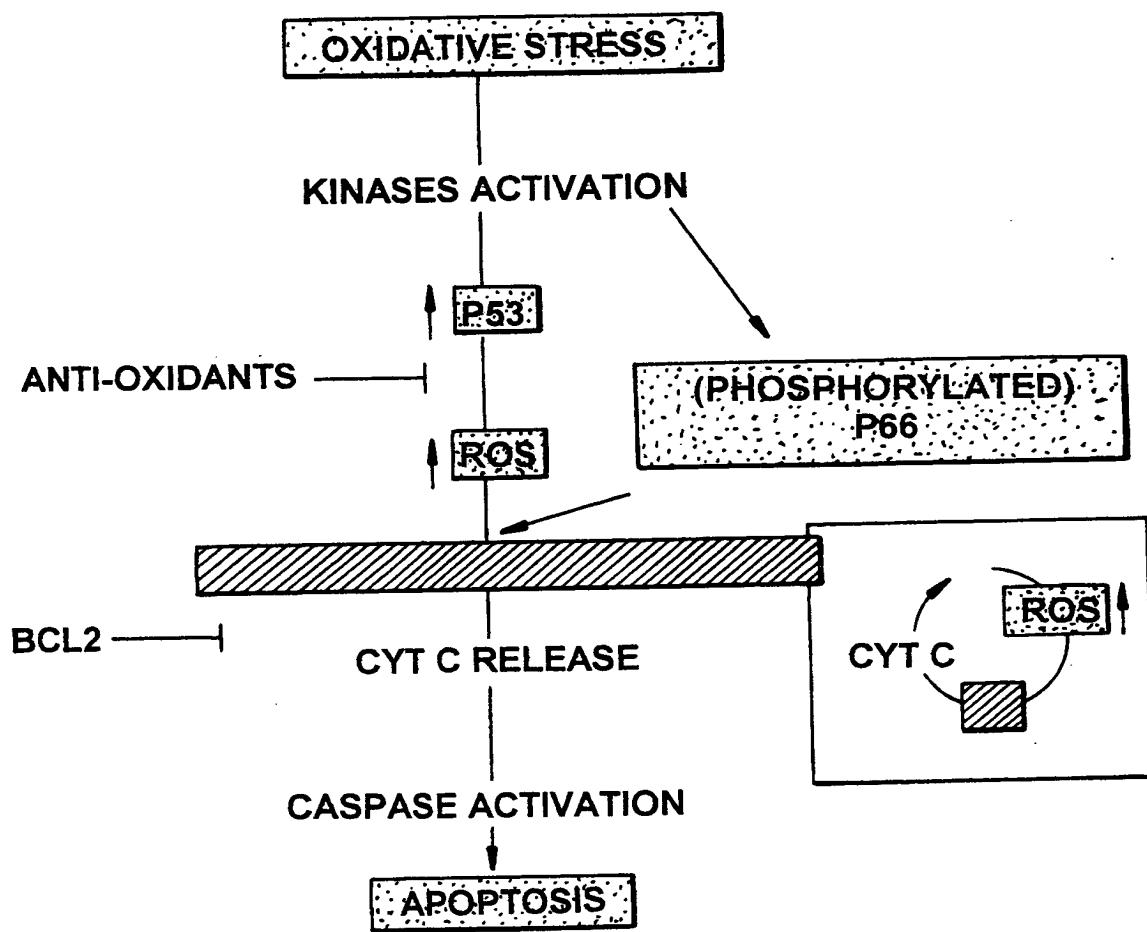


Fig. 11